

## **A COMPACT ELLIPTICAL INFRARED LIGHT UNIT FOR A MOTOR VEHICLE**

### **ABSTRACT OF THE DISCLOSURE**

An infrared light unit for a motor vehicle includes a light source, a  
5 reflector having two focal regions and a lens. The light source is in  
one of the focal regions and produces a pool of reflected light in the  
other focal region, and the lens converts this pool of light into a beam  
projected on the road. The light unit includes, between the reflector  
and the lens, a filter which is opaque to visible light and transparent to  
10 infrared light, and which is movable between a position out of the path  
of light going from the reflector to the lens, and an active position in  
which all or most of the light going from the reflector to the lens  
passes through the filter.